

Method for mfg. lanthana nanopowder

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Resumen

A process for preparing lanthanum oxide nanoparticles includes preparing water-in-oil microemulsion from the solution of surfactant, co-surfactant, non-polar organic solvent, dimethyl oxalate and lanthanum nitrate, heating, reaction, vacuum evaporation of solvent, washing precipitate with alcohol and water, drying and calcining.